

OGDEN ARSENAL, RAILROAD SCALE HOUSE & SCALES

(OGDEN ARSENAL, BUILDING 1148)

(OGDEN ARSENAL, BUILDING 148)

On Railroad Tracks, Northwest of Intersection of Wardleigh Road and
Georgia Street

Layton Vicinity

Davis County

Utah

HAER No. UT-84-J

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6-LAY. V.

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PHOTOGRAPHS

WRITTEN HISTORICAL AND DESCRIPTIVE DATA

**Historic American Engineering Record
National Park Service
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Denver, Colorado 80225-0287**

HISTORIC AMERICAN ENGINEERING RECORD

OGDEN ARSENAL, RAILROAD SCALE HOUSE & SCALES
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HAER No. UT-84-J

Location: On Railroad Tracks, Northwest of Intersection of Wardleigh Road and Georgia Street, Hill Air Force Base, Layton Vicinity, Davis County, Utah

UTM: 12-414600-4553930

Date of Construction: 1942

Architect: U.S. Army Corps of Engineers (Salt Lake City, Utah)

Builder: Unknown

Present Owner: Hill Air Force Base

Present Use: Vacant

Significance: This building provides particularly vivid images of the processes involved in the transportation activities that supported the manufacture, storage, and shipment of munitions at Ogden Arsenal. This building, along with other structures at the base, renders a unique picture of the U.S. Army build-up which occurred on the eve of and during World War II.

History: During World War II, Ogden Arsenal relied on a vast network of railroad tracks to run trains for immense delivery and shipping purposes. Rail transportation was the primary method of shipping goods to and from the Arsenal, as well as between the various ammunition manufacturing plants on the Base.

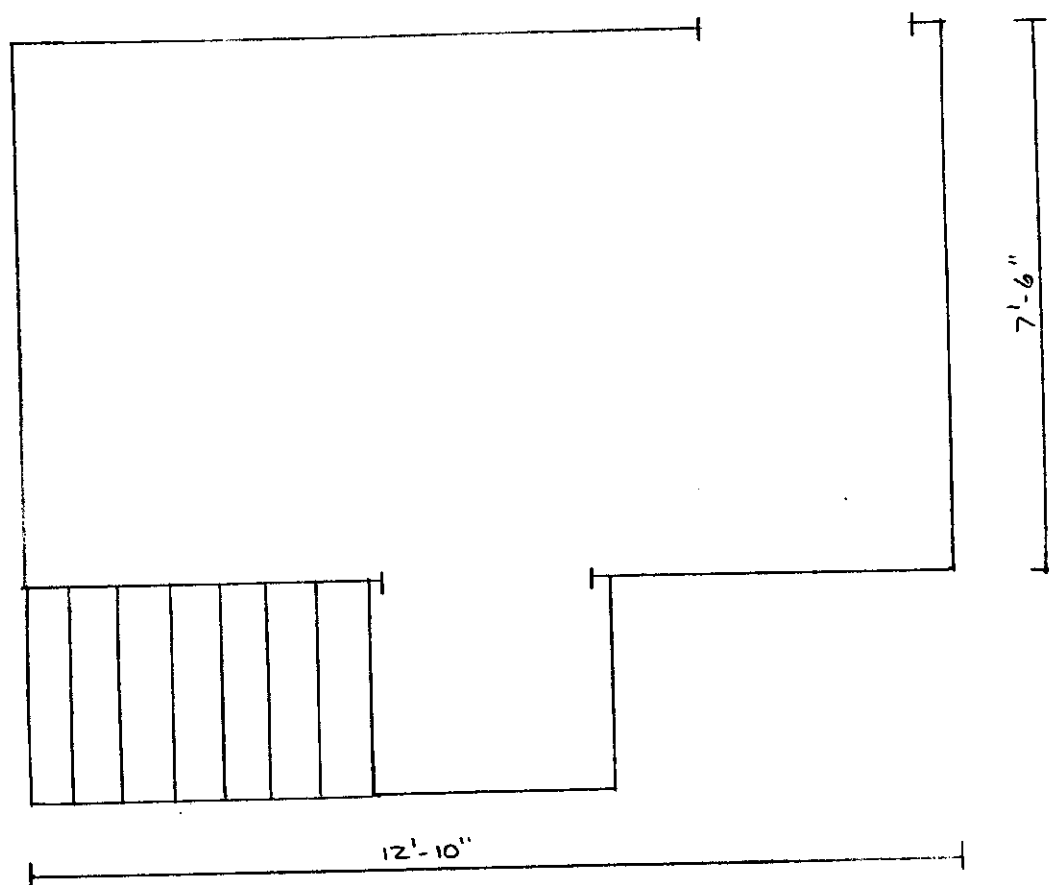
This tiny building contains a single observation room that was used to monitor the weight of locomotives and cars on five separate tracks. It is elevated above grade so the attendant could access train engines without climbing up to them from ground level.

When the railroad was no longer needed as the primary form of transporting military goods, buildings like this one fell into disuse. The building has been vacant for many years, but it maintains utmost architectural integrity. It appears that most of the original equipment remains inside the structure.

General

Description: Building 1148 is a very small (7'-6" x 12'-10") one-story, flat-roofed building that is located between the Warehouse area and the West Fuze Plant area. The building is constructed entirely of concrete, with the main entrance located on the east wall which is accessed by a set of stairs with a continuous pipe railing. The fenestration is designed to provide maximum visibility of the track area, with windows facing north, south, and west. Both the north and south walls contain a single, three-pane window with a steel frame. The west facade contains a continuous band of three-pane windows which terminate at a door that is raised approximately four feet above grade. The station sits on an approximately four-foot high water table and has a roof overhang of 24" on the east, north and south sides, forming a sun shelf above the windows. The overhang on the west side, however, only protrudes 10". An approximately 18-inch parapet rises from the roof in the same plane of the exterior walls.

The remains of one weighing scale are located approximately four feet west of the station, and there are railroad ties all around the site. According to Base Maps, the station used to serve five railroad tracks; ground impressions indicate the previous placement of these tracks.



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